

Bath for Producing by Electrodeposition High
Luster Chromium Coatings from Cold Tetrachroate
Baths, by Roggendorf Wilhelm, 4 pp.
GERMANY, Patent No. 1,106,575

Roggendorf Wilhelm

Sol/Methods and Equipments
Jan 68

345,949

Functional Form Changes in the Nuclei of Cells of
the Adipose-Carcinoma of Mice, by Wilhelm Haxama,
24 pp.

GERMAN, par, Zeit fuer Krebsforschung, Vol 100,
1954, pp 673-678.

III 7-5

Sci - Medicine
Aug 59

93, 123

Wilhelmi, R., and Schulze, K.
EFFECT OF WATER ON ADHESION OF BINDERS
TO SOLIDS. Pt. 2 of Boundary Surface Processes in
Water-Bituminous Binder Systems and their Importance
in Construction Practice. [1960] 34p. (23 figs. omitted)
3 refs.

Order from SLA mi\$3.00; ph\$6.30

61-10208

Trans. of Bitumen, Tere, Asphalte, Peché [und
Verwandte Stoffe] (West Germany) 1955, v. 6 [no. 1]
p. 12-20.

The process of rupture of the closed binder film under
immersion in water has been observed under the
microscope. First water penetrates through the closed
binder film to the solid body, where it collects in the
form of minute bubbles. In some binders, the thinner
film over such a bubble then ruptures, thus giving the
water direct access to the solid. Then only is there
visible binder displacement (pushing aside), to a
greater or lesser extent depending on the binder.
(Materials, TT, v. 5, no. 5)

(over)

61-10208

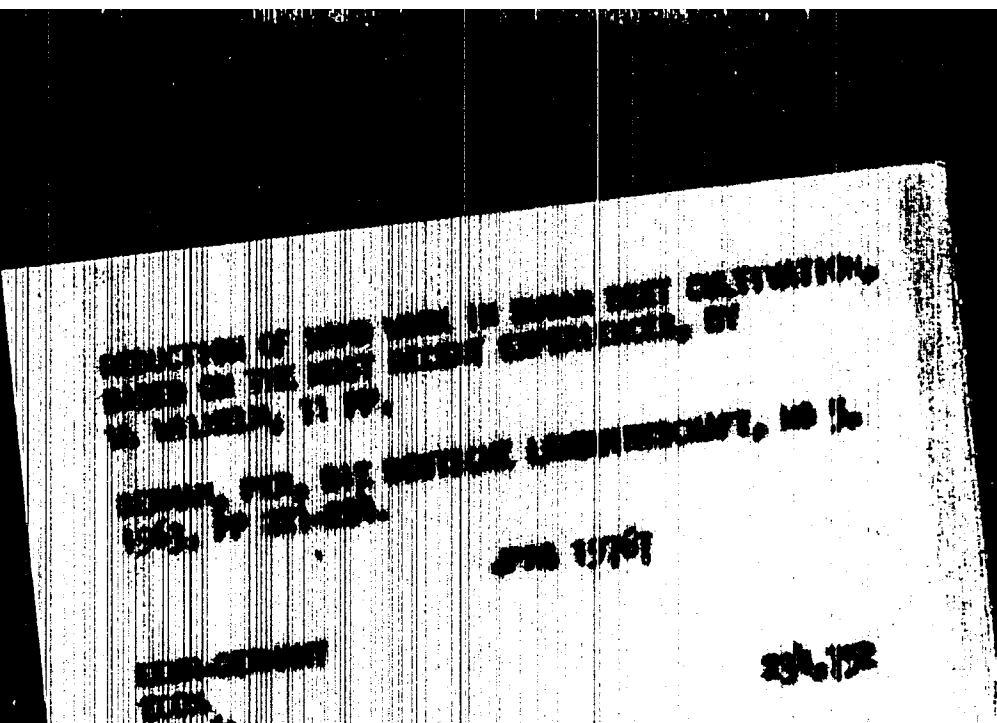
1. Bituminous coatings--
Adhesion
2. Adhesion--Analytical
I. Wilhelmi, R.
II. Schulze, K.
III. Title: Boundary...
IV. Title: Bituminous...

Office of Technical Services

Binders that are greatly displaced (pushed aside) need not however manifest the poorest adhesion. Binders were tested in which adhesion vanished completely, i. e. which were easily detachable and where comparatively large bubbles were formed between binder coating and the solid body, but where the film of binder would not rupture and withdraw from the solid surface even after very prolonged immersion. (Author)

PB-

61-10208



Studies on The Atomic Nucleus Structure with
Reactor "EWA", by Z. Wilhelmi, 13 pp.

POLISH, per, Nukleonika, Vol V, No 7-8,
1960, pp 467-480.

AEC Tr-4162

Sci

Jan 63

220,58;

Cross Sections of Nuclei for n, p, Reaction, by
Z. Wilhelmi.

POLISH, paper, P/945, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics CIA 1-669.9.162

52,099

In the Reaction of the Skin to long-Wave X-ray
and Cathode Radiation, by E. Wilhelmy, UNCLASSIFIED

GERMAN, per, Strahlentherapie, Vol LV, 1936, pp
pp 493-523.

SLA TR 4279
TPA3/TIB T 4279

17,671

Scientific - Medicine,

The River Plate Countries, by Herbert Wilhelmy, 22
Wilhelm Rohmder, 490 pp.
GERMAN, rpt, Die La Plata-Lander, 1963,
pp 18-25, 204-210, 215-216, 220-260,
264-272, 315-313.
DIA LN 287-65

Herbert Wilhelmy

NAI-Eur/German/Geogr
Apr 66

298,619

Bulletin of the Information Center on Nuclear
Data, by Elmar K. Wilip. 89

RUSSIAN, per, Syuli Inform Tsentra Yadern
Dannya, No 1, 1964, pp 1-432.

AIC ML-tr-168

Elmar K. Wilip

Sci - Phys
Sept 67

342,277

Wilk, M.
SEMICONDUCTOR PROPERTIES OF AROMATIC
HYDROCARBONS. [1960] 11p.
Order from ATS \$14.60
ATS-25N48G
Trans. of Zeitschrift für Elektrochemie (West
Germany) 1960, v. 64, no. 7, p. 930-936.

61-12800

1. Hydrocarbons--Electrical
properties
2. Semiconductors--Materials
- I. Wilk, M.
- II. ATS-25N48G
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

(Physics--Solid State) TT - E - A

(DC-2700)

AUTOMATION IN PETROLEUM EXPLOITATION, BY
ZDZISLAW WILK, 6 PP.

POLISH, PER, NAFTA, VOL XVIII, NO 5, 1962,
PP 125-127.

JPRS # 15047

EEUR - POLAND
ECON
SCI - MIN/MET
SEP 62

New Methods in the Manufacture of Carbon
Disulphide, by A. Wilke.

GERMAN, per, Faserforsch u Textiltech, Vol
VIII, Sep 1955, pp 341-350.

ASLIB-GB121

Sci

Aug 58

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61-10216

Wilke, Artur.

THE CONDITIONS OF THE AMBIENT AIR IN

VISCOSE PROCESSING. June 60 [23]p. 11 refs.

Order from S.L.A. n152, 70, ph\$4.80 61-10216

Trans. of Faserforschung und Textiltechnik (Germany)
1959, v. 10, no. 7, p. 297-308.

1. Cellulose--Processing
2. Air--Contamination
3. Sanitary engineering
1. Wilke, A.

Office of Technical Services

Wilke, G. and Kröner, M.
SYNTHESIS OF CYCLODODECATRIENE AND ARO-
MATIC COMPLEXES. [1962] 1p.
Order from SLA \$1.10

62-16744

Trans. of article from an unidentified source, n.d.

DESCRIPTORS: *Complex compounds, Benzenes,
Chromium catalysts, Aluminum compounds, Chlo-
rides, Chemical reactions.

During the reaction of aluminum triethyl with chromyl
chloride in absolute benzene, very finely divided
suspensions of low-valency chromium compounds were
formed in a mixture with aluminum-organic com-
pounds. When butadiene is added to such a suspension,
with vigorous stirring and at 40°C and normal pres-
sure, a mixture of 40% trans, trans, cis, cis, cis, cis-

62-16744

I. Wilke, G.
II. Kröner, M.

cyclododecatriene-(1,5,9) ($\text{Fp}+34^\circ\text{C}$) is formed. The primary step of this cyclododecatriene synthesis consists of the formation of a π -electron complex of three butadiene molecules with the transition metal atom of the catalyst. In this complex, the three new C-C bonds are formed. The cyclododecatriene detaches itself subsequently from the chromium atom so that new butadiene molecules may approach. A similar but stable π -electron complex was obtained with the chromium atom of our cyclization catalyst. Six butene-(2) molecules interacted with each chromium atom of the cyclization catalyst, so that two aromatic systems were formed, which, *in statu nascendi*, led to the stable aromatic complex.

PB-

62-16744

Wilke, G.
NEW DATA ON CYCLIC BUTADIENE OLIGOMERS.
[1961] 3p. 3 refs.
Order from SLA in \$1.80, ph \$1.80

61-10789

Trans. of Angew[andte] Chem[ie] (West Germany)
1960, v. 72, no. 16, p. 581-582.

(Chemistry--Organic, IT, v. 5, no. 9)

61-10789

1. Cyclododecatriene--
Synthesis
2. Butadienes--Chemical
reactions
3. Nickel compounds (Organic)--
Chemical reactions
4. Title: Oligomers
1. Wilke, G.

Office of Technical Services

Investigation of Adrenaline Secretion from
the Suprarenal Glands, by Gerhard Wilke.
GOVERNMENT USE ONLY

GERMAN, per, Arch Exptl Pathol Pharmacol,
Vol 203, 1943, pp 178-187.
NASA TT F-11,469

Gerhard Wilke

Sci-B&M
Apr 60

379,501

Wilke, Gunther and Muller, Herbert.
REACTIONS OF ORGANOALUMINUM COMPOUNDS
WITH ACETYLENE. Pt. 39 of Metalloorganic Com-
pounds. [1961] 25p. 18 refs.
Order from SLA \$2.60

61-20468

Trans. of [Justus] Liebig's Ann[alen der Chemie]
(West Germany) 1960, v. 629 [no. 1/3] p. 222-240.

DESCRIPTORS: Metalorganic compounds, *Aluminum
compounds, *Alkyl radicals, *Acetylenes, Chemical
reactions.

See also 61-20462

(Chemistry--Organic, TT, v. 7, no. 1)

61-20468

- I. Wilke, G.
- II. Muller, H.
- III. Title: Metalloorganic ...

184270

Office of Technical Services

Wilke, K.-T.
THE ACTIVATION OF CO₂ CRYSTALS. [Feb 63] Sp.
Order from ATS 58,700 ATS-25P66G

Trans. of Zeitschrift für Physik[allische] Chem[ie]
Leipzig (East Germany) 1955, v. 205, p. 73-77.

DESCRIPTORS: Crystals, *Cadmium compounds,
Sulfides.

(Physics--Solid State, TT, v. 9, no. 7)

63-12759

I. Wilke, K.-T.
II. ATS-25P66G
III. Associated Technical
Services, Inc.,
East Orange, N. J.

61 3-15-63

Office of Technical Services

The Development of Crystal Growth Since 1945,
by H. H. Wilke, 97 pp.

GERMANY, Fortschritte der Mineralogie,
Vol. 1955, No 2, 1955, pp 85-150.

SLA 60-16501

Vol.
Vol. IV, No 8
2 Jun 62

198,011

Wilke, W.
TESTING ENGINES FOR DETERMINING THE KNOCK
VALUE OF FUELS, OTTO MOTOR FUELS [AND]
DIESEL MOTOR FUELS, 15 Feb 39 [29]p.
Order from SLA \$2.60

63-10431

Trans. of Verein D[eutscher] I[n]genieure. Zeitschrift
(Germany) 1938, v. 82, no. 39, p. 1135-1142.

DESCRIPTORS: *Knocking, *Internal combustion engine
noise, *Fuels, Combustion, Tests, *Test equipment,
Design, Fuel oil, Antiknock.

(Materials--Fuels, TT, v. 9, no. 12)

63-10431

I. Wilke, W.
II. Title: Otto ...
III. Title: Diesel ...

Office of Technical Services

63-10438

~~Wilke, W.~~THE STATUS AND THE OBJECT OF THE LIQUIFICA-
TION OF COAL. 24 Dec 30 [29]p.

Available on loan from SLA

63-10438

1. Wilke, W.

Trans. of Brennstoff- und Wärmewirtschaft (Germany)
1929 [v. 12] Nov. p. 427-435.DESCRIPTORS: *Coal, Coal gas, *Fuel oil, Lubricants,
*Benzine, Synthesis, Decomposition, Distillation,
Hydrogenation, Hydrocarbons, Organic materials,
*Petroleum, Petroleum Industry.

(Engineering--Chemical, IT, v. 9, no. 6)

Office of Technical Services

Wilke, W.
LEADED GASOLINES WITH ADDITIVES. [1964] 19p
(figs omitted) 24 refs
Order from SLA \$1.60

TT-64-14897

Trans. of ATZ; Automobiltechnische Zeitschrift (West
Germany) 1954, v. 56, no. 7, p. 169-173.

(Materials--Fuels, TT, v. 11, no. 11)

TT-64-14897

I. Wilke, W.

1380578

Office of Technical Services

36.
Contrast Phenomena of Dislocation Pairs in
Nickel-Aluminum Alloys with a Coherent Precip-
itation of Ordered Regions, by M. Wilkens and R.
Hornbogen, 18 pp.

GERMAN, per, Phys. Stat. Sol., No 4, 1964,
pp 557-568.

P911354467

ABC 18-Trans-69

M. J. HARRIS

Sol-Materials
Nov 67

344,262

TT-64-16579

Wilkins, M. and Mader, F.
DISLOCATION CONTRAST WIDTH ON X-RAY FILM.
18p 19reals
Order from SLA \$1.60

TT-64-16579

I. Wilkins, M.
II. Mader, F.

Trans. of Zeitschrift für Naturforschung (West
Germany) 1963, v. 18a [no. 1], p. 26-31.

184982

(Physics-Solid State, TT, v. 12, no. 3)

Office of Technical Services

X-ray Scattering on Crystals With Dislocation.

1. Cylindrical Crystal With Axial Screw Dislocation, by N. Wilkens. 123

GERMAN, FOR, Physica Status Solidi, Vol 2, 1962,
pp 692-712.

*AEC 2394

Wilkens 123

Sci/Physics
Jun 66

W. WILKINS

Effect of Resin Coating on the Fatiguing of an
Aluminum Alloy under Cyclic Tensile Stress, by
W. Wilkins

GERMAN, rpt. Germany, West. Deutsche Versuchsanstalt
für Luft- und Raumfahrt, Reports DLR-FB-64-20, 1964
HTC 71-1631-11F

mar 72

Situation of People Living Together in
Leprosy in Relation to the Finding of
Bacillus Protophormis, by
Pelin P. Wilkinson.

Lepralogie, Vol 3, 1968, pp 155-159.
WIL 3-52-68

Sci-Med & Med Sci
May 68

270,370

Cyclopentadienyl and Arene Metal Compounds, by
G. Wilkinson, F. A. Cotton (Translated into
Russian From Progr. Inorg. Chem., 1, 1959)/
RUSSIAN, per, Uspekhi Khim., No 7, 1962,
CS

Sci
Jun 63

233,808

Wilkojc, A. Cienińska, K.

Observations of Moisture Mutability of Corn - Cob
During the Process of Drying.

POLISH, per: Hodowla Roslin, Aklimatyzacja i
Nasiennictwo, Vol. 3, No. 5, 1959, pp. 597-636.
Instytut Hodowli i Aklimatyzacji Roslin

*PL 480
OTS 61-31291

1961

Willems, [Jacob] Gille, Gerhard and Höfges,
H[ilf].

OBSERVATIONS ON THE COURSE OF THE REAC-
TION TOWARDS THE END OF THE BESSEMER BLOW
WITH THE AID OF TEMPERATURE AND FLAME
MEASUREMENTS. [Aug 50] 6p. 11 refs.
Order from SLA mi\$1.80, ph\$1.80

60-18606

Trans. of Stahl und Eisen (West Germany) 1949, v. 69
[no. 22] p. 762-764.

Information is presented on (1) the influence of the
melting temperature on the slagging of the phosphorus
and iron towards the end of the blow, (2) the variation
in the phosphorus content with temperature at maximum
radiation, (3) the rate of combustion of the phosphorus
at various temperatures. The information was obtained
by previously described techniques (Stahl und Eisen 69:
759-762, 1949; available in translation from SLA
mi\$1.80, ph\$1.80 as 60-18605).

(Metallurgy--Ferrous Metals, TT, v. 5, no. 2)

60-18606

1. Steel--Processing
 2. Thermal radiation--
Measurement
 3. Pyrometers--Applications
 4. Title: Bessemer process
- I. Willems, J.
 - II. Gille, G.
 - III. Höfges, H.

Office of Technical Services

Airplane, by Frederick William Wilkerson, 28 pp.

FRENCH, Patent No 778,634.

Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Aeronautics

Jul 59

92,127

SCHICHEL, K.
WILHE-ORFURT, U.

Martensite Formation in Iron-Nickel-Cobalt
Alloys.

ZEITSCHRIFT FÜR METALLKUNDE, vol 36, 1944, No 6,
pp 117-8; 1250 words.

Brutcher No 1706, \$

115476

A Barometer Testing Apparatus With Wasserman
Manometer as a Stabilizing Device, by
H. Wilkner.

GERMAN, part, Feingorate Technik, Vol XI, No 6,
1962, pp 250-262.

CSIRO No 6342

Sci - Phys
Dec 63

244, 846

19
 (Excerpted) Communism and Terrorism in the
 Soviet Union, by
 R. W. ...
 POLISH ...
 Vol. III, No. 1, 1944.
 OTS ...
 PL-40

Sci - Biol & Med Sci
Jan 65

271,394

Investigation of Formation and Removal of
Hydrogen and Oxygen Depositions on Platinum
by a New Nonstationary Method, by

R. G. Will, C. A. Knorr.

GERMAN, ber, Z fuer Elektrochemie, Vol LXIV,
1960, pp 258-269.

NASA CT F-5249

Sci-Chem

Apr 65

U.S. GOVERNMENT ONLY

276,1134

Investigation of Adsorption Phenomena in
Rhodium, Iridium, Palladium and Gold Using
the Potentiostatic Delta Method, by
F. G. Will, C. A. Knorr.
GERMAN, per, Z fuer Elektrochemie, Vol LXIV,
1960, pp 270-275.
NASA TT F-9250

Sci-Chem

Apr 65

U.S. GOVERNMENT ONLY

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Will, F. G.
THE DYNAMIC CHARACTERISTICS OF POTENTIO-
STATIC REGULATOR CIRCUITS. [1961] 17p.
Order from ATS \$19.95 ATS-01N49C

Trans. of Zeitschrift für Elektrochemie (West
Germany) 1959, v. 63, no. 4, p. 484-491.

(Chemistry--Physical, TT, v. 5, no. 10)

61-12985

1. Electrochemistry--
Instrumentation
2. Potentiometers--Circuits
3. Title: Potentiostatic
regulators
- I. Will, F. G.
- II. ATS-01N49C
- III. Associated Technical
Service, Inc., East
Orange, N. J.

Office of Technical Services

Breakage of Crane Hooks and Ladle Yokes and How to
Avoid Them, by G. Will.

GERMAN, par, Stahl und Eisen, Vol LXXIV, 12 Aug
1954, pp 1062-1069.

BISI 2001

Sci - Engr

May 61

148,114

Will, Gerhard.
CONCERNING THE SIZE AND SHAPE AND
MOBILITY OF THE CUPULA IN THE INTERNAL EAR
OF MAN (Über die Größe, Form und Beweglichkeit
der Cupula in den Bogengangscampullen des inneren
Ohres des Menschen). (June 55) (25p) 84 refs.
Order from SLA \$2.60 TT-61-14446

Trans. of Zeitschrift für Laryngologie, Rhinologie,
Otolgie und ihre Grenzgebiete (Germany) 1934,
v. 25, no. 5, p. 298-304.

(Biological Sciences--Anatomy, TT, v. 12, no. 2)

TT-61-14446

I. Will, G.

85207

Office of Technical Services

Concerning a New Acid Related to the Picric Acid
(Trinitrophenol), by Rudolph Bottger, Heinrich
Will, 31 pp.

GERMAN, per, Ann Chem Pharm, Vol LVIII, 1846,
pp 273-300.

ABC BCL-T-252

Sci - Chem

Sep 59

96,336

Wille, R.

AIR COOLING OF GLASS MOLDS (Luftkühlung von Glasformen). [1962] [27]p. (foreign text included)
9 refs.

Order from SLA \$2.60

62-16410

Trans. of Glastechnische Berichte (West Germany)
1959, v. 32K, p. II/26-II/32.

DESCRIPTORS: *Glass, Molding, Heat transfer, Air cooled, Cooling.

The report summarizes experiments dealing with the transfer of heat from the outside wall of a glass mould to the cooling air. The experiments were performed with stationary, heated models corresponding to average working moulds in dimensions, heat loading and temperatures. The cooling air energy was studied for smooth moulds and circular jets by varying the quantity of air and the jet velocity. In addition to (Materials--Ceramics, IT, v. 8, no. 7) (over)

62-16410

- I. Wille, R.
- II. Title: International Congress on Glass (no. 5)
- III. Title: Internationaler Glaskongress (no. 5)

Office of Technical Services

116
Absolute Determination of the Roentgen Unit in
the 60Co Gamma Radiation Energy Range Using
Cavity Ionization Chambers, by A. Rakow, W. Hall.
46 pp.

GERMAN, per, Kernenergie, Vol 6, No 10, 1963,
pp 494-504; 1846-552. 5228255
AEC SP-17-1206

W. Hall

Sci/Nuclear Sci
JAN 66

301,171

Will, W.
HEXANITROETHANE, 16 Nov 61, 6p. 8 refs.
Order from SLA \$1.10 63-10600

Trans. of Chemische Berichte (Germany) 1914, v. 47,
p. 961-965.

DESCRIPTORS: *Nitrogen compounds, *Ethanes,
Nitration, Synthesis, Explosives, Chemical properties,
Decomposition.

(Chemistry--Organic, IT, v. 10, no. 1)

63-10600

I. Will, W.

Office of Technical Services

A New Attempt to Prevent Infections in Infants in
Institutions by the Injection of Gamma Globulin,
by B. Meyer, F. Alinon, J. J. Willard, 11 pp.

FRENCH, per, Bull de l'Institut National d'Hygiene,
Vol XIII, No 2, Apr-Jun 1958, pp 373-380.

NII 9-34

Sci - Med
Sep 59

97,412

Study on the Prevention of Infections in
Infants in Institutions by the Injection of
Gamma Globulin, by B. Meyer, F. Alison,
J. J. Willard, 19 pp.

FRENCH, par, Bull de l'Institut National
d'Hygiene, Vol XII, No 1, Jan-Mar 1957,
pp 137-150.

NIH 6-6

Sci - Med

Jan 59

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K. Willaschek

A New Measuring Head for the Determination of Points
of Disturbance (Defects) On Magnetic Tape, by

K. Willaschek, 1879

GERMAN, per, Nachrichtentechnik, Vol 14, No 9, 1964,
9 pp.

NTC-71-10121-09C

IPR Special AF 3471 pp. 1-9

Nov 71

Letter to Costa Rican Labor Leaders on United States
 Foreign Policy in Latin America and Suggestions
 Improving That Policy, by Ambassador of the U.S.,
 Whiting Williams, 5 pp. CONFIDENTIAL

SPAIN, rpt, March 21 to Group No 319, ...
 San Jose, 7 Jan 1960.

Dept of State

IA -
 Norther - 11
 Econ
 POL
 Feb 60

100, 5/15

The Absorption Spectra by Reflection in Ultra-violet Light of Some Basic Copper Salts and Other Fungicidal and Insectidal Products, by Fernand Willaume, Osias Binder.

FRENCH

USDA per
NC State College

Jun 59

Willcockson, G. W. and Steinberg, H.
PRODUCTION OF BORON-CARBON COMPOUNDS.
[1962] 25pp.

Order from OTS or SLA \$2.60

62-16543

62-16343

I. Willcockson, G. W.
II. Steinberg, H.
III. Patent (Belgium) 563 585

Trans. of Belgian patent 563, 585 by United States Borax
and Chemical Corp., appl. deposited 28 Dec 57,
granted 15 Jan 58 (appl. USA, 12 Apr 57).

DESCRIPTORS: Organic compounds, Boron compounds,
Carbon compounds, Production, Sodium compounds.

0227847

(Engineering--Chemical, TT, v. 9, no. 5)

Office of Technical Services

(S)

Accidents at Work, in Traffic and in Sports
Seen from the Viewpoint of the People's
Economy, by Karl Mille, 13 pp.

GERMANY, per, Das Deutsche Gesundheits-
wesen, Vol. XVI, No. 16, 20 Apr 1961,
pp. 733-735.

SIFES 11400

EEUR - Germany

Econ

Dec 1 61

EL

Absolute Calibration of Various Kinds of Underwater Sound
Transducers in the Range From 5 to 250 kc, by H. Kuttruff,
P. Wille, 19 pp.
GERMAN, por, Acustica, Vol XII, 1962, pp 410-421.

Navy Tr 3725/USRL 36

Sci - Phys
Mar 64

250,957

Conduit Guideways, by R. Wille,
GERMAN, per. Jahrb. Schiffbautechn. Gesell.
Vol XLVII, 1953, pp 124-127.
NASA TT F-14,003

GOVERNMENT USE ONLY

Sci-

Jul 67

332,004

Ventilation Systems for Ships, by
R. Wille.
GERMAN, per, Jahrb Schiffbau Gesell, Vol XVII,
1963, pp 116-127.
NASA TT P-10,642

R. Wille

GOVERNMENT USE ONLY

Sci-Mechanical, Industrial, Civil
Mar 67

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63-18941

Wille, R.
MODEL EXPERIMENTS ON THE AIR COOLING OF
GLASS MOLDS. INTERIM REPT (Modellversuche über
die Luftkühlung von Glasformen). [1963] [36p] (foreign
text included).

1. Wille, R.

Order from SLA \$3.60

63-18941

Trans. of mono. (lecture) from Deutsche Glastechnische Gesellschaft, Specialty Committee IV, 5 Apr 57.

DESCRIPTORS: *Glass, Molding, Heat transfer, Air-cooled, Cooling.

An investigation was made of the effect of various models and arrangements of cooling air nozzles on a simplified model of a bottle mold. By variation of the air velocity and air quantity, the minimum air output for a predetermined amount of heat was established. (Author)

(See also 63-18682)

(Materials--Ceramics, TT, v. 10, no. 11)

Office of Technical Services

Wille, R.

MODEL EXPERIMENTS ON MOLD COOLING (Model-
versuche zur Formenkuhlung). [1963] [12p] (foreign
text included).

Order from SLA \$1.60

63-18692

Trans. of mono. (lecture) from Deutsche Glastechni-
sche Gesellschaft. Specialty Committee IV, 20 Apr 56.

DESCRIPTORS: *Glass, Molding, Heat transfer, Air-
cooled, Cooling.

Investigations were made, with regard to the air-
cooling of glass, molds, to establish whether there is a
certain quantity of air and flow velocity at which the
necessary blower output becomes a minimum, and what
this minimum, and what this minimum appears to be.

(Materials--Ceramics, TT, v. 10, no. 11)

63-18692

1. Wille, R.

Office of Technical Services

Methods of Mould Cooling in Glass-Forming
Machines, by R. Wille, 3 pp.

GERMAN, par. Glastechnische Beilente,
Vol. XXVII, No. 9, 1955, pp. 351-359.

CS:RO

Sci - Phys
Rev 61

174,383

Air cooling of glass moulds, by R. Wille, by
GUTMAN, per. Glastech Rev. Vol 32, No 11, 1959, pp 2632
ACI \$2.90

R. Wille

Sci -
Sep 67

340,283

Fiber Losses in 90° Bends of Rectangular Cross
Section, by H. Wille, B. Haase.
GERMANY, per, Allgemeine Nachrichtenteknik, Vol 4,
No 1, 1953, pp 1-6.
NASA TT F-11,239

GOVERNMENT USE ONLY

Sci-Phys

Jan 68

348,705

Hereditary Pseudohemophilia, by E.A. Willebrand.
DOTM, per, Finsk Lakaresallsk Handl, Vol 68,
No 2, 1928, pp 87-111.
REC NIH 6-88-66 (On Loan)

E. A. Willebrand

Sci/BBM
Jan 67

318,013

59
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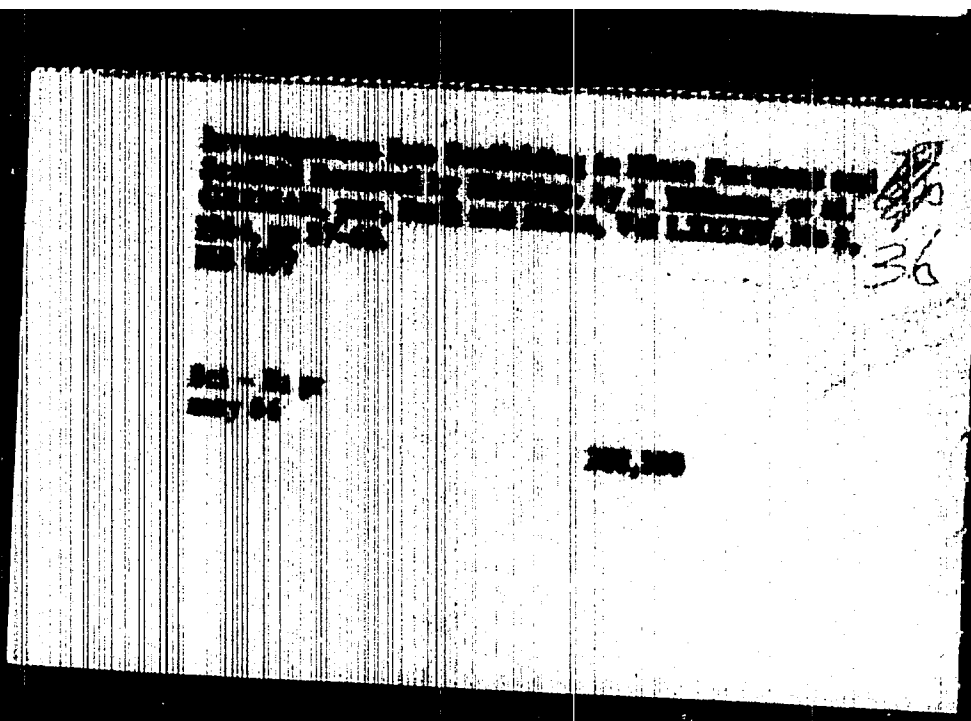
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